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TITLE : GLASS WITH PHOTOCATALYTIC FILM AND ITS PROCUCTION METHOD

ABSTRACT : PROBLEM TO BE SOLVED: To allow an anatase titanium oxide film to sufficiently exhibit its photocatalytic activity.

SOLUTION: A photocatalytic film made of anatase titanium oxide is formed on a glass substrate with a smooth surface, the center line average surface roughness Ra of the film is 5-40 nm, and an average particle size Dav of the anatase titanium oxide is 20-200 nm. A production method of the glass with a photocatalytic film is to be described.

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